

# Schopper Riegler

## Freeness Tester pneumatic

Code: P.403.P-xxx

### Usage

To determine the freeness and the drainage properties of fiber and pulp suspensions.

### Applicable standards

- ISO 5267-1





Single hand lever

### Device description

This high-quality product is characterized by the simplicity of operation. Only premium stainless steel, aluminum and POM (polyoxymethylene – a highly resistant type of plastic) parts are used for manufacturing this testing equipment. A special sieve is defining the bottom of the filling chamber, which leads into a separating funnel with two orifices.

### Process description

A sealing cone seals the filling chamber against the separation funnel and prevents the leaking of the suspension before the actual test start. The sample, which was first prepared with the disintegrator device (PTE Austria Code: P.401.x) is filled into the closed filling chamber on top of the funnel. The sealing cone is pneumatically lifted in the speed according to the standard by using the integrated single hand lever. The suspension drains through the sieve, the fibers will be secluded on the sieve and the filtrate as well as the water drains away through the separation funnel into the two measuring beakers. Both beakers are with SR degrees.

### Specifications

- modern stainless steel design
- housing and drainage parts made from high quality, sturdy & corrosion-resistant stainless steel, anodized aluminum and POM
- exchangeable cylinder
- fast & uncomplicated removal/insertion of SR sieve
- easy cleaning
- standardized ISO-nozzle
- comfortable one switch operation (meeting the safety regulations)



Schopper Riegler sieve

### Connections

- Air: 400 – 600 kPa

### Delivery content

- Schopper Riegler pneumatic according to order
- 1x Set of spare sealings
- 1x Air hose
- 2x Measuring beaker with °SR/ml
- User manual
- Certificates

### Parameters

	Dimensions	Weight
Net	460 x 360 x 770* mm	34 kg
Gross	600 x 800 x 750 mm	52 kg

\*height when sealing cone extended: 900 mm

### Models

Code	Device
P.403.P-POM	Schopper Riegler pneum. POM drainage chamber and bayonet lock
P.403.P-SS	Schopper Riegler pneum. stainless steel screw top drainage chamber